

Anti-Axin-1 AXIN1 Antibody

Catalog Number: A00986

About AXIN1

AXIN1 is a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain and is thought to function as a negative regulator of the WNT signaling pathway that regulates embryonic axis formation. AXIN1 interacts with adenomatosis polyposis coli (APC), beta-catenin, glycogen synthase kinase 3 beta, forming a tetrameric complex resulting in the regulation of the stabilization of beta-catenin. Mutations in the AXIN1 gene have been associated various carcinomas, indicating that it also functions as a tumor suppressor.

Overview

Product Name	Anti-Axin-1 AXIN1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Axin-1 AXIN1 Antibody (Catalog # A00986). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal Clone: SK7
Formulation	AXIN1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	AXIN1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O15169

Technical Details

Immunogen	AXIN1 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human AXIN1. The immunogen is located within amino acids 620 - 670 of AXIN1.
Predicted Reactive Species	Chicken
Cross Reactivity	CRBN antibody is human, mouse and rat reactive. At least two isoforms of CRBN are known to exist; this antibody will detect both isoforms.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	AXIN1 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

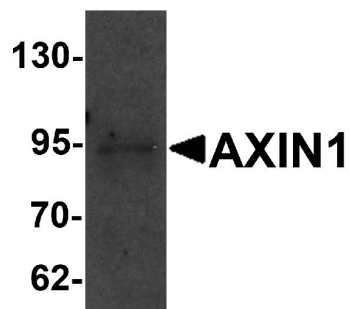
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

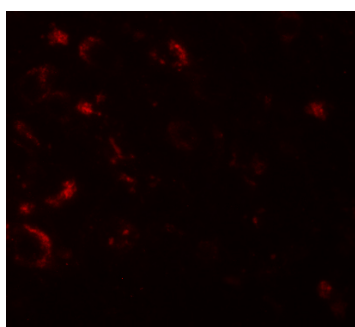
AXIN1 antibody can be used for detection of AXIN1 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunofluorescence starting at 20 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-Axin-1 AXIN1 Antibody (A00986) Images



Western blot analysis of AXIN1 in SK-N-SH cell lysate with AXIN1 antibody at 1 ug/mL.



Immunofluorescence of AXIN1 in human brain tissue with AXIN1 antibody at 20 ug/mL.

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